



Sheet 1 of 2

Form PTO-1449 U.S. Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. TUL2AUSA	Appln. No. 09/445,803
	Applicant: M.T. Philipp	
	Filing Date: 12/13/99	Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Subclass

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation Yes No

Other Documents (including Author, Title, Date, Pertinent Pages, Etc.)

<i>MS</i>	BBV	M. Philipp et al., "Safety and Immunogenicity of Recombinant Outer Surface Protein A (OspA) Vaccine Formulations in the Rhesus Monkey," <u>J. Spirochetal and Tick-borne Disease</u> , 3:67-79 (March 1996)
<i>MS</i>	BBW	A. DeSilva et al., " <i>Borrelia burgdorferi</i> OspA is an Arthropod-specific Transmission-blocking Lyme Disease Vaccine," <u>J. Exp. Med.</u> , 183:271-275 (January 1996)
<i>MS</i>	BBX	T. Mather et al., " <i>Ixodes</i> Saliva: Vector Competence for <i>Borrelia burgdorferi</i> and Potential Vaccine Strategies", in VII International Congress on Lyme Borreliosis, San Francisco, CA 1996
<i>MS</i>	BBY	A. Sadziene et al., "Antibody-resistant Mutants of <i>Borrelia burgdorferi</i> : In Vitro Selection and Characterization," <u>J. Exp. Med.</u> , 176:799-809 (September 1992)
<i>MS</i>	BBZ	A. DeSilva et al., "Growth and Migration of <i>Borrelia burgdorferi</i> in <i>Ixodes</i> Ticks During Blood Feeding," <u>Am. J. Trop. Med.</u> , 53:397-404 (October 1995)
<i>MS</i>	CR	P. Rosa et al., "Recombination between Genes Encoding Major Outer Surface Proteins A and B of <i>Borrelia burgdorferi</i> ," <u>Mol. Microbial.</u> 6:3031-3040 (1992)
<i>MS</i>	CS	T. Schwan et al., "Distribution and Molecular Analysis of Lyme Disease Spirochetes, <i>Borrelia burgdorferi</i> , Isolated from Ticks throughout California," <u>J. Clin. Microbiol.</u> , 31:3096-3108 (December 1993)
Examiner <i>MS</i>	Date Considered 11-29-00	

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mg	CT	F.T. Liang et al., "Sensitive and Specific Serodiagnosis of Lyme Disease by Enzyme-Linked Immunosorbent Assay with a Peptide Based on an Immunodominant Conserved Region of <i>Borrelia burgdorferi</i> VlsE," <u>J. Clin. Microbiol.</u> , 37(12): 3990-996 (December 1999)
mg	CU	F.T. Liang and M.T. Philipp, "Analysis of Antibody Response to Invariable Regions of VlsE, the Variable Surface Antigen of <i>Borrelia burgdorferi</i> ," <u>Infect. Immun.</u> , 67(12):6702-6706 (December 1999)
mg	CV	F.T. Liang et al., "An Immunodominant Conserved Region Within the Variable Domain of VlsE, the Variable Surface Antigen of <i>Borrelia burgdorferi</i> ," <u>J. Immunol.</u> , 163(10):5566-5573 (November 15, 1999)
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